



PATENT  
Attorney Docket No. 944-003.180

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of :  
**Vihmalo et al.** :  
Filed **September 5, 2003** : Group/Art Unit: Not yet assigned  
Serial No. **10/656,888** : Examiner: Not yet assigned  
For: **MEMORY WEAR LEVELING**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Mail Stop DD

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Applicants submit herewith references of which they are aware, which they believe may be material to the examination of this application and in respect of which they may have a duty to disclose in accordance with 37 CFR §1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR §1.56(b), it is not intended to constitute an admission that any document referred to herein is "prior art" for this invention unless specifically designated as such.

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below, in an envelope with sufficient postage as first-class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Ann Okrentowich* 10/7/03  
Ann Okrentowich Date

In accordance with 37 CFR §1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined under 37 CFR §1.56(a) exists.

Enclosed is a Form PTO-1449 listing the cited references. Copies of the cited references are also enclosed herewith.

This Information Disclosure Statement is being submitted within three months of the date of filing of the application for patent in this matter and, therefore, the undersigned respectfully submits that no fee is due. The Commissioner is hereby authorized to charge to deposit account 23-0442 any fee deficiency required to submit this Information Disclosure Statement.

Dated: October 7, 2003

Respectfully submitted,



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FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.  
944-003.180

SERIAL NO.  
10/656,888

APPLICANTS: Vihmalo et al..

FILING DATE:  
September 5, 2003

ART UNIT: Not yet assigned

### UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		U.S. 5,530,668	6/25/96	Ramtron Intl. Corp.			
		U.S. 5,539,279	7/23/96	Hitachi Ltd.			
		U.S. 5,541,872	7/30/96	Micron Technology			
		U.S. 5,550,770	8/27/96	Hitachi, Ltd.			
		U.S. 5,568,423	10/22/96	Unisys Corp.			
		U.S. 5,572,459	11/5/96	Ramtron Intl. Corp.			
		U.S. 5,600,587	2/4/97	NEC Corp.			
		U.S. 6,230,233	5/8/01	Sandisk Corp.			
		U.S. 6,405,323	6/11/02	Silicon Storage Tech.			
		US 2001/0002475	5/31/01	Bothwell et al.			
		US 2001/0054165	12/20/01	Fujitsu Ltd.			
		US 2002/0006053	1/17/02	Matsushita Electric Ind.			
		US 2003/0058681	3/27/03	Intel Corp.			

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
		EP 0 741 388 A2	11/6/96	EP			

### OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)


Examiner (To be assigned)

Date: